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(71) Applicant (*for all designated States except US*): **QIAGEN**
AS [NO/NO]; Frysjaeveien 40, N-0884 Oslo (NO).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **REITAN, Evy**
[NO/NO]; Einarsvei 35, N-0575 Oslo (NO). **DEG-**
GERDAL, Arne [NO/NO]; Engelsrudlia 59, N-1385
Asker (NO). **SKAGESTAD, Vidar** [NO/NO]; Kitty
Kiellandsvei 15G, N-1344 Haslum (NO).

(74) Common Representative: **QIAGEN AS**; c/o Page White
& Farrer, 54 Doughty Street, London WC1N 2LS (GB).

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(54) Title: **PROCESS FOR ISOLATING NUCLEIC ACID WITH CHAOTROPE AGENTS AND AMMONIUM COMPOUNDS**

(57) Abstract: A process for isolating nucleic acid from a nucleic acid-containing sample, which comprises: (a) providing a chaotrope; (b) providing a nucleic acid binding solid phase capable of binding nucleic acid in the presence of the chaotrope; (c) providing a source of NH₄⁺ or NH₃; (d) contacting the sample with the nucleic acid binding solid phase in the presence of a liquid phase comprising the chaotrope and the NH₄⁺ or NH₃; and (e) optionally separating the solid phase with the nucleic acid bound thereto from the liquid phase.



WO 03/084976 A1